PTO/SB/51 (05-08)
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REISSUE APPLICATION DECLARATION BY THE INVENTOR	CMCC 450 DIV REI					
I hereby declare that: Each inventor's residence, mailing address and citizenship are stated below next to their name. I believe the inventors named below to be the original and first inventor(s) of the subject matter which is described and claimed in patent number6,348,069 and for which a reissue patent is sought on the invention entitledEngineering of Strong. Pliable Tissuse						
the specification of which						
is attached hereto.						
was filed on February 19, 2004 as reissue application num	10/782,750					
and was amended on (If applicable)						
I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.						
I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), equivalent) listing the foreign applications.	or 365(b). Attached is form PTO/SB/02B (or					
I verily believe the original patent to be wholly or partly inoperative or invalid, below. (Check all boxes that apply.)	for the reasons described					
by reason of a defective specification or drawing.						
by reason of the patentee claiming more or less than he had the right to	o claim in the patent.					
by reason of other errors.						
At least one error upon which reissue is based is described below. If the rels reissue, such must be stated with an explanation as to the nature of the bros						
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[Page 1 of 2]
This collection of information is required by 37 CFR 1.175. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

This application was filed to correct errors in claim 1. Claim 1 was amended by removing the step of "implanting into an animal or human the matrix at a site where the resulting cell-construct is needed". Deletion of the second implanting step serves to encompass methods wherein the matrix was cultured in vivo as well as in an equivalent method, such as a bioreactor. Claim 1 was directed to a "cell-matrix construct" and not positively limited to heart valve constructs. New claim 20 was added to include language that further defines the matrix, where the matrix includes "struts" or "support" elements, which were not previously claimed.

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Docket Number (Optional) (REISSUE APPLICATION DECLARATION BY THE INVENTOR, page 2) CMCC 450 DIV REI All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant. Note: To appoint a power of attorney, use form PTO/SB/81. Correspondence Address: Direct all communications about the application to: **|** The address associated with Customer Number: 23579 ÖR Firm or Individual Name Address City State Zip Country Email Telephone WARNING: Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available. I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed. Full name of sole or first inventor (given name, family name) Joseph P. Vacanti inventor's signature Date Citizenship Residence 14 Woodside Rd., Winchester, MA 01890 U.S. Mailing Address 14 Woodside Rd., Winchester, MA 01890 Full name of second joint inventor (given name, family name) Christopher K. Breuer Inventor's signature murann phelila Citizenship 58 Farm View Road, Bethany, CT 06524 U.S. Mailing Address 58 Farm View Road, Bethany, CT 06524 Additional joint inventors or legal representative(s) are named on separately numbered sheets forms PTO/SB/02A or 02LR attached hereto.

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DECLARATION		ADDITIONAL INVENTOR(S) Supplemental Sheet					
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Name of Additional Joint Inventor, if any	A pelition has been filed for this unsigned inventor						
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City	State			Zip Country		try	
Name of Additional Joint Inventor, if any: A petition has been filed for this unsigned inventor							
Given Name (first and middle (if any))		Family Name or Sumame					
Inventor's Signature			`	ŧ	Date		
Residence: City	State			Country		Citizenship	
Mailing Address							
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